PROFILES of the NEW YORK STATE CANALS and FEEDERS

Showing the Elevations of the same above Tide water

AND THE

JUNCTION OF THE LATERAL CANALS WITH THE ERIE.

Designed

under the Direction of

Wm. B. TAYLOR, State Engr & Surv^r

by

S. H. SWEET, Deputy State Engr & Surv^r

To accompany the State Engr & Surveyors Report

for

1862

Compiled & Drawn by C. Conant, Albany N.Y.

ERIE CANAL

Total cost of Construction $ 36,377,837

REMARKS	OLD CANAL as now existing	ENLARGEMENT
Construction authorized	April 15th 1817	May 1st 1835
do commenced	July 4th 1817	August 1836
do completed	October 26th 1825	Septbr 1862
do estimated cost at Engrs Prices	$ 4,976,758	$ 23,402,065
Actual cost of construction	$ 7,143,709	$ 32,858,084
Total Feet Lockage	675 ft feet	654 ft feet
Lenght from Albany to Buffalo	363 miles	350 ½ miles
Number of locks and Size of Chambers	83 locks 90 x 15	72 locks 110 x 18
Navig Depth and capacity in summer	40 x 7 ft = 4.1 small boats	70 x 56 x 7 ft = 11 small boats
Ratio between cargo & whole weight	1 to 1.82	1 to 1.70
Cost of Transport^n per ton per mile via Sea of Grain	1 cent	4/5 mills
Average annual cost of repairs per mile	$ 225	$ 400

LOCKS

No	Double or Single	Lift	No	Double or Single	Lift	No	Double or Single	Lift
1	Double	12 ½	23	Double	8	49	Double	8
2	Single	9 ½	24	"	8	50	"	8 ½
3	Double	11 ½	25	"	8	51	"	9 ½
4	"	11 ½	26	"	8	52	"	9
5	"	10	27	"	8	53	Single	8
6	"	10	28	"	10 ½	54	"	9 ½
7	"	10	29	"	8	55	"	9
8	"	10	30	"	8	56	"	8
9	"	10	31	"	8	57	"	8
10	"	10	32	"	8	58	"	8
11	"	10	33	"	8	59	"	8
12	"	10	34	"	8	60	"	8
13	"	10	35	"	10 ½	61	Double	9
14	"	10	36	"	10 ½	62	Single	9
15	"	10	37	"	10 ½	63	"	9
16	"	10	38	"	10 ½	64	"	9
17	"	10	39	"	10 ½	65	"	9
18	"	10	40	"	10 ½	66	"	9
19	"	10	41	"	10 ½	67	"	9
20	"	10	42	"	10 ½	68	"	9
21	"	8 ½	43	"	10 ½	69	"	9
22	"	10 ½	44	"	10 ½	70 (Lowest)	Double	8 ½
23	"	10 ½	45	"	8	71		
24	"	8	46	"	10 ½	72	Double	Single 7

Oneida Lake Canal

ONEIDA RIVER IMPROVEMENT

Remarks	Oneida L. Canal	Oneida R. Impr^t
Construction authorized	March 22nd 1832	April 29th 1829
Estimated cost at Engrs Prices	$ 80,000	$ 100,000
Construction completed	1836	1850
Cost of Construction	$ 78,829	$ 79,346
Purchased of Company the State	May 10th 1840	for $ 50,000
Enlarg^t of locks authorized	Chap 46 L 1862	
Number and size of present locks	7 90 x 15	7 150 x 30 ft
Size of Prism	40 x 26 + 4	50 x 40 + 4 ft
Lenght in miles	7 miles	19 ¾ mi.
Cost or Transp^n per ton per mile	2 cents	5 mills
Feet of Lockage	60 ft	Vol 316,800 Cu
Annual cost of repairs per mile	$ 503	$ 110

LOCKS

Present old Locks				Enlarged locks authorized			
No	Lift	No	Lift	No	Lift	No	Lift
1	7 ½	5	9 ¾	1	8 ½	5	9 ½
2	9 ½	6	7 ¾	2	8 ½	6	8
3	9	7	8 ½	3	9	7	7 ½
4	10			4	10 ½		

OSWEGO CANAL

Total cost $ 3,077,429

	Original Canal	Enlargement
Construction authorized	April 15th 1824	April 15th 1854
Enlargement of Locks		15.765 L 1847
Estimated cost at Engrs Prices	$ 777,000	$ 1,956,339
do do Contract Prices	637,000	1,021,100
Construction completed	1828	Septr 1862
Cost of Construction	$ 562,837	$ 2,514,592
Number of Locks & Size	16 90 x 15	18 110 x 18
Feet of Lockage	128 ft	134.85
Average cost of one Lock	$ 30,000	$ 31,000
Size of Prism or Canal and Feeder	40 x 26 + 4	70 x 56 + 7 ft
Lenght of main Canal & Feeder	38 miles	6 miles
Burthen of Boats	250 tons	550
Lenght of Canal	38 miles	38 miles
Annual cost of repairs per mile	$ 810	$ 575

LOCKS

No	Lift	No	Lift	No	Lift	No	Lift	No	Lift
1	11	6	7	11	11 ½	16	8 ½
2	11	7	7.86	12	11 ½	17	10 ½
3	10 ½	8	11 ½	13	7.62	18	9 ½
4	9.86	9	7 ½	14	9 ½		
5		10	8	15	7 ½		

BLACK RIVER CANAL

Feeder and River Improv^t

Construction authorized	April 19th 1836
do commenced	January 1836
Estimated cost at Engrs Prices	$ 1,968,837
do do Contract do	1,431,639
Canal completed	1849
Cost of construction	$ 3,512,096
Number & Size of Locks	109 lifts 90 x 15
Length of Canal to Lyons falls	35 miles
do of Rivers Carthage & Rome	42 " 97 ½ "
Size of Prism of Canal and Feeder	42 & 28 x 4
Length of navigable Reef & Bell	10 ½ mi. 6 lifts
Cost of Transport^n per ton per mile	2 cents
Burthen of Boats	40 to 80 tons
Feet Lockage of Canal	1082 ½ ft
Annual cost of repairs Canal & Feed^r	$ 525

LOCKS

No	Lift	No	Lift	No	Lift	No	Lift	No	Lift
1	10	Feeder		15	9	Feeder	
2	10	19	9	16	9	72	
3	10	20	9	17	9	73	
4	10	21	9	18	9 ½		
5	10	22	9	19	9 ½		
6	10	23	9	20	9 ½		
7	10	24	9	21	9 ½		
8	10	25	9	22	9 ½		
9	10	26	9	23	9 ½		
10	9	27	9	24	9 ½		
11	9	28	9	25	9 ½		
12	9	29	9	26	9 ½		
13	9	30	9	27	9 ½		
14	9	31	9	28	9 ½		
				Guard Lock & 2 gates	30 ft		
				Total	277		

Crooked Lake Canal.

Construction authorized	Apr 10th 1829
do commenced	April 1830
Estimated cost at Engrs Prices	$ 173,000
do do Contract do	35,870
Canal completed	Oct 10th 1833
Cost of construction	$ 456,376
No of Locks & Size	90 x 15 ft
Size of Prism Canal	28 & 24 x 4
Length of Canal	8 Miles
All the Locks are Composite	
Annual cost repairs per mile	$ 710
Cost Transport^n p ton p mile	2 ½ cents
Feet Lockage	277 ft

LOCKS

No	Lift	No	Lift
1	10	15	9
2	10	16	9
3	10	17	9
4	10	18	9
5	10	19	9
6	10	20	9
7	10	21	9
8	10	22	9
9	10	23	9
10	10	24	9
11	10	25	9
12	10	26	9
13	10	27	9
14	10	28	9

CHAMPLAIN CANAL

Glens Falls Feeder

Construction authorized	April 15th 1817
do Glens Falls Feeder do	do 1832
Estimated cost of Canal at Engrs Prices	$ 871,000
Navigation opened from Fort Edward to Champlain	Nov 8th 1819
Canal completed & Feeder finished do	Nov 8th 1823
do cost of construction up to 1832	$ 973,011
Feeder do do 1832	31,952
Total cost of both inclind improvem^ts exc^r	
Cleaning of ordinary repairs from 1865	$ 1,756,062
Number of Locks on Canal 20 Feeder 13	Size 110 x 18 x 8.100 ft
Length of Canal 64 feet Feet Feed^r 3	78
Annual cost of repairs per mile	$ 850
do Capacity	
Cost of Transportation per ton per mile	1 ¼ cents
Size of Prism Lenght of Feeder	30 36 + 4
do authorized Chap 253 Laws 1860	30 36 + 4

CHAMPLAIN CANAL

No	Lift	No	Lift
1	10 ½	11	11 ½
2	10 ½	12	9
3	8 ½	13	9
4	9	14	9
5	9	15	9
6	8 ½	16	9
7	8 ½	17	9
8	9 ½	18	10 ½
9	9 ½	19	10 ½
10	9 ½	20	10 ½

GLENS F. FEED^R

No	Lift
1	10
2	10
3	10
4	10
5	10
6	10
7	10
8	10
9	10
10	10
11	11
12	11
13	10

SUMMARY OF DISTANCE.

	Miles
ERIE CANAL & BASINS	352
GENESEE VAL. CAN. with Extens^n & DANSVL. BR.	17 4/10
CAYUGA AND SENECA C. CAYUGA INLET	2 4/10
CROOKED LAKE CANAL	8
CHEMUNG CANAL AND FEEDER	39
CHENANGO	97
OSWEGO	38
BLACK RIVER AND FEEDER	50
BLACK RIVER IMPROVEMENT	42
CHAMPLAIN CAN & GLENS FALLS FEEDER	73 ½
ONEIDA LAKE CANAL (Lake 7 ½ m)	7
ONEIDA RIVER (Improved Navigation)	20

WESTERN DIVISION

ROCHESTER TO LOCKPORT

Grade on bottom 2 in. per mile from Rochester to lower lock at Lockport. Size of prism at Rochester 71 ft surface 53 ft bottom and 7 ft deph, and regularly increasing to the size of prism at Lockport to 98 ft on surface and 79 ft on bottom and 9 ft deep.

LOCK PORT TO BLACK ROCK

To Head of Rock out 3 miles the prism is 62 ft wide on surface and 46 ft on bottom and 9 ft deph. To Pendleton 4 miles 100 ft wide on surface 77 ft on bottom and 9 ft deep. To Tonawanda 12 miles using Tonawanda Creek 200 ft wide on surface and 9 ft deep. To Black Rock 8 miles, width on surface 86 ft and on bottom 60 ft 9 ft deep.

ERIE CANAL

SKETCH

BUFFALO 352 M. BLACK ROCK TONAWANDA PEMBERTON 341 M. LOCKPORT 326 M. MIDDLEPORT 308 M. SPRINGVILLE 296 M. COLDEN 284 M. EAST ELLICOTT 279 M. ALDEN 273 M. HOLLAND 264 M. CRITTENDEN 253 M. BROCKPORT 242 M. ADAMS BASIN 232 M. SPENCERPORT 223 M. SCOTTSVILLE 212 M. CANANDAIGUA 192 M. SACKETTS HBR 186 M. TIFFANY 179 M. CUTLERVILLE 173 M. MOUNT MORRIS 167 M. SHAKERS 161 M. MYERSVILLE 155 M. GENESEE 149 M. COMMERCIAL 144 M. CANAL CREEK 139 M. DANSVILLE 132 M. WEBSTER 120 M. BRIGHTON 112 M. ROCHESTER 102 M. GENESEE RIVER 97 M. LOCKPORT 326 M. TW 565 ft. TW 512 ft. TW 509 ft. TW 462 ft. TW 371 ft. TW 360 ft. LAKE ERIE

GENESEE VALLEY CANAL

GENESEE VALLEY Canal. & DANSVILLE BRANCH

Construction authorized	May 6th 1836
Estimated cost Engrs Prices	$ 3,402,285
do Contract Prices	4,900,173
Completed to Dansville	North 1st 1842
do Olean	do 1856
do Mill river Pond	Decmb 1861
Total cost Canal & Reservoirs	$ 5,663,183
Lenght of Canal & Side cut	17 4/10 miles
Size of Prism of same	42 26 + 4 ft
Burthen of Boats	20 to 35 tons
78 Stone locks cost each	$ 10,000
23 Composite do	$ 8,000
11 Wood do	$ 3,000
Total Number & Size of locks	112 locks 90 x 15 ft
Cost Transport^n per ton per mile on lateral rails	1 cent
Annual cost of repairs per mile	$ 380

LOCKS

No	Lift	No	Lift	No	Lift	No	Lift	No	Lift
1	16.6	18	9	35	10	70	7.9	83	8
2	6	19	10	36	10	71	11	84	8
3	10	20	10	37	10	72	8	85	9
4	10	21	10	38	10	73	8	86	9
5	10	22	10	39	10	74	9	87	11
6	7	23	12	40	10	75	9	88	11
7	9.6	24	12	41	10	76	9	89	11
8	11.6	25	12	42	10	77	9	90	11
9	10.6	26	12	43	10	78	10	91	11
10	11.6	27	12	44	10	79	10	92	11
11	11	28	10	45	10	80	10	93	11
12	11	29	10	46	10	81	10	94	11
13	11	30	10	47	10	82	10	95	11
14	11	31	10	48	10	83	11	96	11
15	11	32	10	49	10	84	11	97	11
16	11	33	10	50	10	85	11		
17	11	34	10	51	10	86	11		

GENESEE VALLEY CANAL

GENESEE VALLEY CANAL	107
DANSVILLE BRANCH	11
EXTENSION TO MILL GROVE	6 ¾
TOTAL	124 ¾

113 Locks ERIE CANAL

Cayuga and Seneca Canal

CAYUGA INLET

Total Cost $ 1,367,127

	CAYUGA & SEN^A C.	CAYUGA INLET
Construction authorized	April 15th 1824	May 27th 1840
Enlargement of Prism		April 15th 1854
Estimated cost Engrs Prices	$ 150,000	$ 301,188
do do Contract do	166,376	258,275
Canal completed	Nov 12th 1828	Septr 1862
Cost of construction	$ 210,000	$ 1,153,159
Number of Locks & Size	11 90 x 15	11 110 x 18
Feet of lockage	83 ½ ft	76 6/10 ft
Length & Size of Prism	23 miles 36 x 4	3 miles 36 x 4
Cost Transport^n per ton p mile	Two cents	7 ½ mills
Annual cost of Repairs	$ 660	$ 540

LOCKS

No	Lift	No	Lift	No	Lift	No	Lift	No	Lift
1	7.28	3	10	5	9	7	6	9	10
2	7.10	4	9	6	9.46	8	7.76	10	10
								11	3

Chemung Canal and Feeder.

Construction authorized	Apr 15th 1829
Estimated cost Engrs Prices	$ 331,225
do do Contract do	291,854
Construction completed	Sept 1831
Cost of construction 1831	$ 316,395
Length & Size main Canal	23 m 42.28 x 5
do Feeder	16 m 36.5 x 4
Number & Size of Locks Can.	40 Locks 90 x 15
do Feeder	6 Locks 90 x 15
Cost of Transp^n p ton p mile	2 cents
Kind of locks	Wood
Cost of each 1st 5 ft $ 850 age of Lock 9 yrs.	
" 2d " = 500 do	
" 3d " = 300 Completed Sept 1831	

LOCKS

No	Lift	No	Lift	No	Lift	No	Lift
1	10.1	18	10	17	10.9	36	10
2	10.6	19	10	18	10.2	37	10.3
3	10.7	20	10	19	9.4	38	9.2
4	10.7	21	10.1	20	10.2	39	10.2
5	10.3	22	10.3	21	10.3	40	10.2
6	10.3	23	10.3	32	9.10	41	9.3
7	10.3	24	9.7	33	10	42	9.3
8	9.4	25	10	34	10	43	8.10
9	10.3	26	10.3	35	10	44	7.3
10	10.3	27	9.7	36	10.1	45	10.3
11	9.11	28	10.6	37	10		
12	10	29	10	38	10		
13	9.11	30	9	39	10.1		

CHENANGO CANAL.

Construction authorized	Feb^y 23rd 1833
do commenced	July 1834
do estimated cost Engrs Prices	$ 1,960,856
do do Contractors	1,820,840
do completed	October 1836
do actual cost	$ 2,346,186
Number and size of Locks	116 Locks 90 x 15
Size of prism	60 & 28 x 4
Kind of Locks	Rubble Stone
Average cost of one Lock	$ 8,000
Length of main Line of Canal	97 miles
Feet of Lockage	1015 ½
Cost of Transportation per ton p mile	1 ^mill^s Cts
Burthen of Boats	45 to 80 tons
Annual cost of Repairs p mile	$ 510

LOCKS

No	Lift	No	Lift	No	Lift	No	Lift	No	Lift
1	4	31	10	61	10	91	6		
2	4	32	10	62	10	92	6		
3	4	33	10	63	10	93	6		
4	4	34	10	64	10	94	6		
5	4	35	10	65	10	95	6		
6	4	36	10	66	10	96	6		
7	4	37	10	67	10	97	6		
8	4	38	10	68	10	98	6		
9	4	39	10	69	10	99	6		
10	4	40	10	70	10	100	6		
11	4	41	10	71	10	101	6		
12	4	42	10	72	10	102	6		
13	4	43	10	73	10	103	6		
14	4	44	10	74	10	104	6		
15	4	45	10	75	10	105	6		
16	4	46	10	76	10	106	6		
17	4	47	10	77	10	107	6		
18	4	48	10	78	10	108	6		
19	4	49	10	79	10	109	6		
20	4	50	10	80	10	110	6		
21	4	51	10	81	10	111	6		
22	4	52	10	82	10	112	6		
23	4	53	10	83	10	113	6		
24	4	54	10	84	10	114	6		
25	4	55	10	85	10	115	6		
26	4	56	10	86	10	116	6		
27	4	57	10	87	10				
28	4	58	10	88	10				
29	4	59	10	89	10				
30	4	60	10	90	10				

MIDDLE DIVISION

ERIE CANAL

TW 509 ft. ROCHESTER 462 ft. 371 ft. 360 ft. 326 ft. 312 ft. 295 ft. 265 ft. 242 ft. 225 ft. 219 ft. 205 ft. 189 ft. 172 ft. 152 ft. 139 ft. 126 ft. 116 ft. 97 ft. 85 ft. 69 ft. 49 ft. 36 ft. 15 ft. 0 ft. TROY

WEBSTER 102 M. BRIGHTON 112 M. PITTSFORD 120 M. CARTERSVILLE 128 M. BURNETS BASIN 136 M. FAIRPORT 144 M. MACEDONVILLE 160 M. PALMYRA 172 M. NEWARK 182 M. ARCADIA 189 M. LYONS 195 M. LOCK BERLIN 214 M. CLYDE 226 M. WAYNE CENTRE 240 M. MONTEZUMA 252 M. JORDAN 264 M. PORT BYRON 276 M. SENECA FALLS 288 M. WATERLOO 296 M. GENEVA 308 M. SENECA OUTLET 309 M. SENECA LAKE 310 M. GATOR LAKE 317 M. DRESDEN 321 M. GEORGES CREEK 325 M. GENESEE RIVER 326 M. GENESEE VALLEY CANAL

CAYUGA AND SENECA CANAL

CAYUGA LAKE

SENECA LAKE

CROOKED LAKE CANAL

CROOKED LAKE

PENNYAN 45 ½ M. HAMMONDSPORT 61 ½ M. MILL PORT 68 ½ M. PINE VALLEY 72 ½ M. JUNCTION 78 ½ M. ELMIRA 84 ½ M. CHEMUNG R^R 94 ½ M. & E.C.

CHEMUNG CANAL

ITHACA 56 ½ M. HAVANA 61 ½ M. 69 LOCKS

HORSE HEADS 72 ½ M. 49 LOCKS

RAYDEBLE FEEDER 16 M.

GIBSON CORNING CHEMUNG RIVER

CONTINUOUS LINE OF CANAL AND LAKE NAVIGATION

CHENANGO CANAL

LAKE ONTARIO

LAKE ERIE

PENNSYLVANIA

OHIO

NEW JERSEY

ATLANTIC OCEAN

LONG ISLAND SOUND

CONNECTICUT

MASSACHUSETTS

NEW HAMPSHIRE

VERMONT

BLACK RIVER CANAL

BLACK RIVER NAVIGATION

From Lock 109 to Carthage 42 ½ Miles

CARTHAGE 97 ½ M. ERIE CANAL 42 ½ M. over T.W.

35 M. ERIE CANAL

65 ½ M. OYSTER CR^K DAM + 5 ft.

SOUTH BRANCH WOODHULL 2.5 M. RESERVOIRS BLACK RIVER CANAL

BLACK RIVER CANAL 35 M. LYONS FALLS 109 FORT LEYDEN 90 BOONEVILLE 50 SUMMIT POOL 30 L 5 M. SYLVAN BEACH

ONEIDA LAKE CANAL 15 M. ONEIDA LAKE 25 M. ONEIDA R. 20 M. OSWEGO CANAL 38 M. LAKE ONTARIO OSWEGO 8 M. FULTON 15 M. PHOENIX 18 M. 3 RIVERS 1st 19 M. LIVERPOOL 26 M. SYRACUSE 36 M. GEDDES 40 M. SALINA 43 M. MANLIUS CENTRE 50 M. JORDAN 53 M. CAMILLUS 57 M. SPENCERPORT 60 M. SENECA RIVER 64 M. MONTEZUMA 69 M. CLYDE 76 M. LYONS 84 M. NEWARK 93 M. PALMYRA 103 M. MACEDON 113 M. FAIRPORT 123 M. PITTSFORD 133 M. ROCHESTER 143 M. GENESEE RIVER 144 M. GENESEE VALLEY CANAL

SWEET'S LOCK 2 M. ERIE CANAL

SENECA RIVER 2 M. SENECA FALLS 4 M. WATERLOO 6 M. SENECA OUTLET 7 M. SENECA LAKE 8 M. GENEVA 10 M. GATOR LAKE 17 M. DRESDEN 21 M. GEORGES CREEK 25 M. GENESEE RIVER 26 M. GENESEE VALLEY CANAL

SENECA LAKE RESERVOIR SHANNONTEALES LAKE RESERVOIR CANANDAIGUA LAKE RESERVOIR DE RUYTER RESERVOIR

EASTERN DIVISION

ERIE CANAL

TW 360 ft. 352 ft. 326 ft. 312 ft. 295 ft. 265 ft. 242 ft. 225 ft. 219 ft. 205 ft. 189 ft. 172 ft. 152 ft. 139 ft. 126 ft. 116 ft. 97 ft. 85 ft. 69 ft. 49 ft. 36 ft. 15 ft. 0 ft. TROY

ROME 116 M. WESTERNVILLE 120 M. HIGGINSVILLE 127 M. NEW LONDON 133 M. FORT BULL 139 M. ROME 116 M. UTICA 98 M. WHITESTOWN 93 M. NEW HARTFORD 89 M. YORKTOWN 85 M. OLIVERIA 80 M. CANASTOTA 76 M. LENOX 71 M. CHITTENANGO 66 M. SULLIVAN 60 M. MANLIUS CENTRE 50 M. DEWITT 43 M. SYRACUSE 36 M. GEDDES 40 M. SALINA 43 M. CAMILLUS 57 M. SPENCERPORT 60 M. SENECA RIVER 64 M. MONTEZUMA 69 M. CLYDE 76 M. LYONS 84 M. NEWARK 93 M. PALMYRA 103 M. MACEDON 113 M. FAIRPORT 123 M. PITTSFORD 133 M. ROCHESTER 143 M. GENESEE RIVER 144 M. GENESEE VALLEY CANAL

CHENANGO CANAL

CHENANGO FORKS AND FEEDER 107 M. PORT CRAINVILLE 111 BINGHAMTON SUSQUEHANNA R^R 114 M. 97 M. & ERIE CANAL

LOCKS

No	Lift	No	Lift
1	10	15	9
2	10	16	9
3	10	17	9
4	10	18	9
5	10	19	9
6	10	20	9
7	10	21	9
8	10	22	9
9	10	23	9
10	10	24	9
11	10	25	9
12	10	26	9
13	10	27	9
14	10	28	9

CHAMPLAIN CANAL

GLENS FALLS FEEDER

WHITEHALL 73 Miles fr. Albany

SANDY HILL 6 to 10 Coal Boats

GLENS FALLS 2.5 M. Coal Boats

FORT EDWARD 54 M. 49 M.

FORT ANN 15 M. 36 M.

FORT MILLER 44 M. SARATOGA BR 36 M.

SCHUYLERVILLE 26 M. STILLWATER 18 M. BECKERS 10 M. WATERFORD SIDE CUT 1 M. WATERFORD 0 M. HUDSON R.

L. CHAMBERLAIN CL. HUDSON R.

ERIE CANAL

ROCHESTER 143 M. GENESEE RIVER 144 M. GENESEE VALLEY CANAL

BRIGHTON 133 M. PENFIELD 127 M. CANAL CREEK 122 M. MACEDON 113 M. PALMYRA 103 M. NEWARK 93 M. LYONS 84 M. CLYDE 76 M. WAYNE CENTRE 69 M. MONTEZUMA 64 M. JORDAN 53 M. CAMILLUS 57 M. SPENCERPORT 60 M. SENECA RIVER 64 M. CANASTOTA 76 M. LENOX 71 M. CHITTENANGO 66 M. SULLIVAN 60 M. MANLIUS CENTRE 50 M. DEWITT 43 M. SYRACUSE 36 M. GEDDES 40 M. SALINA 43 M. LIVERPOOL 26 M. 3 RIVERS 1st 19 M. PHOENIX 18 M. FULTON 15 M. OSWEGO 8 M. LAKE ONTARIO

OSWEGO CANAL

ONEIDA LAKE CANAL

ONEIDA LAKE 25 M. ONEIDA R. 20 M. BOONEVILLE 50 M. SYLVAN BEACH 60 M. VERONA BEACH 70 M. WHITESTOWN 93 M. UTICA 98 M. ROME 116 M. WESTERNVILLE 120 M. HIGGINSVILLE 127 M. NEW LONDON 133 M. FORT BULL 139 M. ROME 116 M. OYSTER CR^K DAM + 5 ft. 65 ½ M. BLACK RIVER CANAL

BLACK RIVER CANAL

RESERVOIRS BLACK RIVER CANAL

SOUTH BRANCH WOODHULL 2.5 M. NORTH BRANCH 5.5 M. 13 M. 17 M. 20 M. 25 M. 30 M. 35 M. 40 M. 45 M. 50 M. 55 M. 60 M. 65 M. 70 M. 75 M. 80 M. 85 M. 90 M. 95 M. 100 M. 105 M. 109 M. LYONS FALLS 35 M. ERIE CANAL

BLACK RIVER CANAL 35 M. LYONS FALLS 109 FORT LEYDEN 90 BOONEVILLE 50 SUMMIT POOL 30 L 5 M. SYLVAN BEACH 60 M. VERONA BEACH 70 M. WHITESTOWN 93 M. UTICA 98 M. ROME 116 M. WESTERNVILLE 120 M. HIGGINSVILLE 127 M. NEW LONDON 133 M. FORT BULL 139 M. ROME 116 M. OYSTER CR^K DAM + 5 ft. 65 ½ M. BLACK RIVER CANAL

BLACK RIVER CANAL FEEDER

SUMMIT POOL 30 L 5 M. SYLVAN BEACH 60 M. VERONA BEACH 70 M. WHITESTOWN 93 M. UTICA 98 M. ROME 116 M. WESTERNVILLE 120 M. HIGGINSVILLE 127 M. NEW LONDON 133 M. FORT BULL 139 M. ROME 116 M. OYSTER CR^K DAM + 5 ft. 65 ½ M. BLACK RIVER CANAL

Map of the STATE OF NEW YORK

Showing its

Canals and Rail Roads.

WM. B. TAYLOR, State Engr & Surv^r

S. H. SWEET, Deputy

1862.

© The Thor Company, 2000
KODAK Gray Scale
Kodak
KODAK PRODUCT

MapCF G3801.P53 1862 .S9 (Pt.1-2)